



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

64GB DDR4 RAM

512GB SSD

No WiFi

Thinix Embedded Linux

SKU: H-I5_12L-64-M512-12_5-X-THINUX-0



Engineered for the relentless demands of industry.

Thinvent® Neo H Mini PC: The High-Performance Industrial Anchor

When your operation depends on flawless, continuous control, you need a cornerstone of computing power that simply won't quit. Introducing the Neo H, the high-performance evolution of our bestselling model. This is industrial computing, redefined for the most demanding environments.

Built as a true industrial workhorse, the Neo H delivers robust processing muscle to drive complex control systems, manage multiple processes, and handle intensive data tasks without breaking a sweat. Its solid steel construction ensures unwavering durability on the factory floor, while dual LAN ports provide critical network redundancy for uninterrupted operations.

Why the Neo H is your essential partner

- Conquer complex industrial automation and control applications with dependable, high-throughput performance.
- Deploy with absolute confidence in harsh conditions, thanks to its rugged, 100% India-designed and made steel chassis.
- Simplify management and remote diagnostics through integrated, browser-based tools, keeping your focus on productivity.
- Serve as a versatile hub for digital signage, machine interfacing, or VoIP communications with its comprehensive connectivity.

Choose the powerhouse built to endure. Choose the Thinvent Neo H.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
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NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	Mini PC
Dimensions	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.73kg, 2.14kg

OPERATING SYSTEM

Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

Ordering Information

PRODUCT CODE	
H-i5_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB S256 = 256GB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None KM = Keyboard and Mouse set 1S = DB9 Serial MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse

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